

DESCRIPTION

Species Reactivity	Human
Specificity	Recognizes human Lymphotoxin α chains in $\alpha_2\beta_1$ or $\alpha_1\beta_2$ trimers and also human TNF- β . In direct ELISAs, less than 10% cross-reactivity with recombinant human (rh) APRIL, rhBAFF, rhEDA-A2, rhFas Ligand, rhLIGH
Source	Monoclonal Mouse IgG ₁ Clone # 135125
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human Lymphotoxin α/β
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Neutralization Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Lymphotoxin α , also known as tumor necrosis factor (TNF) β , and Lymphotoxin β are members of the TNF superfamily and have been designated TNFSF1 and TNFSF3, respectively. Secreted Lymphotoxin α forms a homotrimer (TNF β) and heterotrimeric complexes with the type II membrane protein, Lymphotoxin β (either $\alpha_2\beta_1$ or $\alpha_1\beta_2$ trimers). These trimers serve as ligands for Lymphotoxin β receptor, TNF RI and TNF RII and play a role in the development and maturation of the immune system.

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